

Northeast Municipal Gas Pipeline Coalition (NMGPC) Document Directory (Updated 25 September 2014)

Available at <http://tinyurl.com/PipelineBibliography>

This document is an attempt to organize the many documents and websites related to the Tennessee Gas Pipeline Project along the lines of the mission statement of the above organization. Note that some documents may appear in more than one category.

If you have or know of additional information related to any part of the Mission Statement below, please contact the information subcommittee by email at dennis.eklof@verizon.net

Note that you can view this document online in DropBox, but for the links to work properly you must download the document

New items since 9 September 2014 are highlighted in yellow

For those whose browsers/pdf readers do not support active links, there is a document that lists the actual URL for each document in this bibliography at <http://tinyurl.com/PipelineBibliographyLinks..>

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I. General Information and Background					
Title	Source	Date	Summary	Critique	Pages
Pipeline Summary Flyer	Dennis Eklof	15Sep14	Two page summary of the Kinder Morgan Pipeline proposal.		2
No Fracked Gas in MASS!	Anti- Pipeline website	Current	The site has lots of useful information about the pipeline and the issues	Ignore the unfortunate name choice -- (MA already have fracked gas). The site still has useful background information	Web

I. General Information and Background

Title	Source	Date	Summary	Critique	Pages
Natural Gas Pipeline Plan Creates Rift in MA.	New York Times (Tom Zeller)	July 2014	Balanced coverage of the competing interests in the proposed KM pipeline and the main issues being debated	Provides links to several supporting documents (some already included herein)	4
Montague Selectman's meeting video	Montague Community Television	Apr14	KM dealing with citizen objections to the project	Contains nothing that hasn't been covered in similar meetings across MA.	Vid
Kinder Morgan Presentation	Kinder Morgan	Jun14	Presentation on the pipeline and its need made to MA Land Trust Coalition in June 2014	Usual company line we have all heard before.	28
Pipeline Foes Launch Protest Walk	Boston Globe	Jul14	Group plans to petition Duval Patrick to withdraw support.		1
Federal Court Slaps FERC over TGP Northeast Pipeline Approvals	Marcellus Drilling News	2013	Report on hollow victory in a lawsuit filed by several environmental groups in federal courts related to the approval process for several pipeline expansion projects NJ and PA.	Describes the suits a "frivolous" and "bleating and blatting" by the "enviro left." Gives a sobering picture of what we are up against.	2
The Need for the Pipeline	Tennessee Gas Pipeline Company LLC.	Current	Summarizes reasons the pipeline is needed	Pushes all the expected buttons. Passes off the alternatives issue to local governments and regulators. Most of the rest you will have heard in any KM meeting you may have attended.	Web
Mass. Pipeline Awareness Network (massPLAN)	massPlan, a non-profit coalition opposed to the pipeline	Current	Collection of FAQ and news stories from other sources.	Variable quality and some outright inaccuracies.	Web
Kinder Morgan Announces Initial Anchor Shippers for NE Energy Direct	Kinder Morgan Press Release	30Jul14	Announces long-term capacity contracts for about 0.5 bcfd.		1
Environmental Battle over Energy Sources in New England	G. Allen Brooks Parks Paton Hoepfl & Brown	Jul14	Opinion piece by lawyer supporting	Well-argued support for the KM project (or similar) from oilfield services investment banking firm	5

I. General Information and Background

Title	Source	Date	Summary	Critique	Pages
Kinder Morgan, Gas Pipelines, And The Idiocy of Subsidies to Profitable Corporations	Forbes Blog	24Aug14	Rambling rant against Kinder Morgan, the Ne pipeline, and large corporations in general	This is a prime example of how NOT to oppose the pipeline. It is rife with inaccuracies and demonstrates the authors lack of understanding of the issues or his intended distortions. It invites pipeline proponents to dismiss all opposition as being similarly inaccurate and distorted. See my detailed critique here .	Web
The 13 miles of TGP pipeline you don't know about	SPCC Groton	Aug14	Identifies a segment of the TGP Connecticut expansions that arguably should be lumped with the Northeast Energy Direct project for FERC evaluation.		web
MassPLAN motion to intervene on TGP 13 mile expansion in CT	MassPlan	Aug14	MassPLAN filing with FERC requesting that this project be included as part of the Northeast Energy Direct project in the FERC review process	If accepted by FERC, would subject the CT segment to mopro complete environmental review,	6
The Value of US Power Supply Diversity	IHS Energy	Jul14	Study sets a value of power diversity to be \$93 billion annually. Study concludes that current government mandates and low-cost gas are at odds with long-term diversity that would minimize risks and reduce long-term power costs.	Excellent study by internationally known power economist Larry Makovitch	52
Low Cost Gas Endangers Alternatives	Dennis Eklof (letter of the Editor, Groton Line)	2Sep14	Argues that floundering LNG imports, Brayton Point and Vermont Yankee closings are the result of cheap Marcellus gas		1

I. General Information and Background

Title	Source	Date	Summary	Critique	Pages
All Good Things Come to an End: And So Will Cheap Gas from Marcellous	Dennis Eklof	2Sep14	Argues that the current low prices of Marcellus gas will inevitably end as demand increases, fracking regulations become more costly for producers, and easy developments are depleted.		2
The Popping of the Shale Gas Bubble	Forbes (Bill Powers)	Sep14	Summarizing his book on the subject, Powers concludes that the extent of sale gas reserves is greatly exaggerated by governments and the press and that we are at risk of a return to gas shortages within the next decade.	Very well-reasoned article but worth noting that there are serious researchers who view Powers' view as excessively pessimistic and inaccurate	web
Marcellus Shale: Through A Glass, Darkly	Moshe Ben-Reuvan, Seeking Alpha Investment Research	Mar14	Analysing trends in drilling and production the author concludes that the life of Marcellus Shale play is about 10 years.	Interesting article drawing some of the same conclusions as Bill Powers	web
Shell Finds Stretch Utica Shale Moundary Many Miles East	Bloomberg	3Sep14	Two new Shell wells producing gas from areas originally thought outside the main Utica shale area. Could indicate much larger potential Utica reserves.		web
Kinder Morgan Letter to FERC requesting permission to use pre-filing procedures	Kinder Morgan	15Sep14 "Added 16Sep14	KM formal request for pre-filing status. Not much new compared to other KM documents, but more specifics on facilities, including a large compression plant planned for Townsend	Link is to the original document with sticky notes from Dennis Eklof	14
Appendix A to KM FERC Filing.	Kinder Morgan	15Sep14	Provides highly detailed county-level maps of the proposed pipeline route as well as locations of compressor stations and other facilities		Hundreds
Appendix B to KM FERC Filing.	Kinder Morgan	15Sep14	Extensive list of organizations contacts by KM		10

I. General Information and Background					
Title	Source	Date	Summary	Critique	Pages
Appendix C to KM FERC Filing.	Kinder Morgan	15Sep14	Examples of consultation letters		41
Appendix D to KM FERC Filing.	Kinder Morgan	15Sep14	List of landowners on the pipeline.	Not released to the public	1
Appendix E to KM FERC Filing.	Kinder Morgan	15Sep14	List of government officials and NGOs contacted		22
Spectra Energy and Northeast Utilities Announce New England Energy Reliability Solution	Spectra Energy/Northeast Utilities	16Sep14	Press release of a proposed project to address New England Energy issues	Proposed solution address many of the prevailing objections to the KM Energy Direct project	web
Detailed brochure on Spectra/NU Access Northeast project (above)	Spectra Energy/Northeast Utilities	16Sep14	More information on the proposed Spectra/NU project		web
Comments on the Spectra/NU proposal	Dennis Eklof	16Sep14	First Takes on Spectra/NU project proposal		1
New Gas Supplies for New England – Competition is a Wonderful Thing	Dennis Eklof	19Sep14	Comparison of key features of the Kinder Morgan and Spectra Energy/Northeast Utilities gas supply proposals		2
Maritimes LNG Economics are Questionable	Dennis Eklof	25Sep14	Estimated costs of LNG from the Maritimes to Europe and Japan do not look competitive.		1

II. Validate the need for additional energy					
Title	Source	Date	Summary	Critique	Pages
Assessing Natural Gas Supply Options for New England and their Impacts on Natural Gas and Electricity Prices	Competitive Energy Services LLC, funded by Industrial Energy Consumer Group	Feb14	Concludes that 2 bcfd of new gas pipeline capacity is needed to eliminate winter price spikes. Power from Canada won't help	No discussion of alternatives to gas. Lots of price assumptions	28
Competitive Energy Services Study Summary and Critique	Dr. Dennis Eklof	Aug14	Summary and critique of the methodologies and conclusions in this study	Solely the opinions of the author	2

II. Validate the need for additional energy					
Title	Source	Date	Summary	Critique	Pages
Maine Public Utilities comm. Review of Natural Gas Capacity Options	Sussex Economic Advisors (funded by Maine PUC)	Feb14	Analysis of economic benefits of greater pipeline capacity. Strongly supports same.	No discussion or analysis of alternatives. Questionable pipeline cost assumptions.	84
Sussex Economic Advisors Study Summary and Critique	Dr. Dennis Eklof	Aug14	Summary and critique of the methodologies and conclusions in this study	Solely the opinions of the author	1
Natural Gas Infrastructure and Electric Generation: Proposed Solutions for New England	Black and Veatch (funded by NESCOE)	Aug13	Supports need for more natural gas infrastructure	Ignores alternatives and conservation, and admits new capacity not needed in a low-demand scenario.	69
Summary and Critique of the Black & Veatch Study	Dr. Dennis Eklof	Aug14	Summary and critique of the methodologies and conclusions in this study	Solely the opinions of the author	2
Assessment of New England's Natural Gas Pipeline Capacity to Satisfy Short and Near-term Electric Generation Needs	ICF International Funded by ISO NE	Jun12	The analysis "suggests that regional gas supply capacity is inadequate..."	Study supports ISO NE case for more gas, but not very strongly. Study deserves more analysis to evaluate its results.	107
ICF International Study Summary and Critique	Dr. Dennis Eklof	Aug14	Summary and critique of the methodologies and conclusions in this study	Solely the opinions of the author	1
New England Cost Savings Associated with New Natural Gas Supply and Infrastructure	Concentric Energy Advisors (funded by Spectra Energy).	May12	Analysis estimates annual economic benefits of \$400 to \$600 million.	Results based on winter peak load. Concludes existing generation fleet capacity is adequate (though switching to gas). Very low gas demand growth in LDCs (0.8% per year)	62
Concentric Energy Advisors Study Summary and Critique	Dr. Dennis Eklof	Aug14	Summary and critique of the methodologies and conclusions in this study	Solely the opinions of the author	2
Overview of LNG in New England	GDF Suez/Everett LNG	Sep10			12
Brayton Point Rejects Extension of operations beyond 2017	Providence Journal	Jan14	Plant designated "must run" status by ISO NE, but owner confirms June 2017 closure.		1

II. Validate the need for additional energy					
Title	Source	Date	Summary	Critique	Pages
New England Governors Pipeline & Power Plan	Conservation law Foundation	Jun14	Scathing critique of the process being used by officials to promote gas pipeline expansion		10
Challenges Facing The Natural Gas & Electric Power Interface in New England	Northeast Gas Association	Apr12	Useful discourse on current market challenges		6
Letter from NGA to NESCOE		Feb14	NGA providing info to NESCOE on need for more pipeline capacity		1
Thirteen Questions Related to the TGP Pipeline Project	Dr. Dennis Eklof	Jun14	Taken from Groton Town Meeting 16Jun14	Responses to citizen questions	4
ISO NE 2014 Regional Electricity Outlook	ISO New England	Jan14	ISO NE plans for 2014 in detail	Useful information on estimated solar, wind, and conservation	48
The Future of Natural Gas Supply for Nova Scotia	ICF Consulting Canada, Inc. (prepared for Nova Scotia Department of Energy)	May13	Examines 5 scenarios for Maritimes gas supply/demand and recommends reversal of the M&NP pipeline in all but 1 scenario due to local demand growth and declines in Sable Island production, and , post 2020, declines in Deep Panuke productions. No winter peak gas from Maritimes was available in 2013/14, and that in the base case, imports from a new source (Deep Panuke) will be available only from 2014/15 through 2017/18 or 2018/19.	Well done study of options for the Maritimes and impacts on New England. High-demand scenario seems farfetched, but other two demand scenarios are reasonable. Most supply scenarios assume no further offshore gas development. Operators fear being undercut by low-costs Marcellus shale supplies	134
North American Midstream Infrastructure through 2035: Capitalizing on Our Energy Abundance	ICF International funded by the Interstate Natural Gas Association of America	Mar14 Added 16Sep14	Purports to show the Northeast (including New England) needs 6 bcf/d of additional gas pipelines by 2035	Uses very optimistic (2.6% annual) economic growth assumptions and provides no real detail on other aspects of gas and power demand.	40

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Title	Source	Date	Summary	Critique	Pages
The Future Supply of Natural Gas in Our Region: Impacts, Challenges and Opportunities	Atlantica Center for Energy	Mar14	Recognizes the need for more gas as Nova Scotia reserves are depleted in 8 to 13 years. Good discussion of potential reversal of M&NP to import gas from the US Recommends exploring other options including additional offshore gas and potential shale gas resources in the region rather than rely on US supply sources and uncertainties. Cites US protectionism as a risk	Cites interest in LNG exports from Canaport if sufficient gas were to be available.	Web
Movin' Out – Exporting U.S.-Sourced LNG from the Maritimes	RBN Energy LLC	Apr14	Lists proposed LNG export projects in the Maritimes.	Makes no attempt to assess the project's viability	Web
New England's Energy Future and the Kinder Morgan Energy Direct Project: The Study That Needs to be Done	Dr. Dennis Eklof	Sep14	Argues that a more comprehensive study of New England energy alternatives needs to be done before long-term decisions on projects like the KM pipeline are made.	Includes critique of major studies to date and outlines options that need to be considered	20
New England Gas Study Proposal Discussion	Dr. Dennis Eklof	Sep14	Reviews many aspects of the current New England energy situation the KM pipeline proposal, and the elements of the proposed comprehensive energy study (above)	Presented at the Northeast Municipal Gas Pipeline Coalition meeting 8Sep14	22

III. Investigate Alternatives: Alternative energy sources					
Title	Source	Date	Summary	Critique	Pages
New England Governors Pipeline & Power Plan	Conservation Law Foundation	Jun14	Scathing critique of the process being used by officials to promote gas pipeline expansion		10

III. Investigate Alternatives: Alternative energy sources

Title	Source	Date	Summary	Critique	Pages
Synchronizing Gas & Power Markets: A Series of Proposed Solutions	SkippingStone Energy Market Consultants (funded by the North American Energy Standards Board)	Jan13	Independent proposal for restructuring gas and power trading markets to improve market efficiency, including capacity release	This is heavy going for just about anyone, but it proposes real solutions to improving market efficiency that could alleviate pipeline capacity limits and replace the need for the proposed tariff on power generation costs	15
Electricity and Gas Markets Are Out of Synch: Sooner or Later, This Will Hurt Us	Forbes	Mar2013	Digested version of the SkippingStone study above.	Helps clarify the issues	Web
New England 2030 Power System Study	ISO NE	2009	Identifies up to 12,000 MW of potential renewable power in New England		
New England's 'Largest' Renewables Procurement Is All Wind, But Less Than Envisioned	North American Wind Power	Feb14	Summary of recent wind farm contracts totaling 409 MW, 156 MW less than originally proposed	These projects will total 2.5% of the peak capacity of the four utilities involved. They are likely to produce	2
Rising Wind Farm O&M Costs	National Wind Watch	Mar13	Cites rising O&M costs as older turbines go out of warranty	Cites New England as a particularly costly area	2
Let's calculate the true cost of wind power	New England Ratepayers Association	Oct13	Article concludes that wind power really costs about \$0.18/kwh, not the \$0.08 calculated by its proponents due to required transmission system changes and tax credits		3
New England Wind Integration Study	GE, funded by ISO NE	Dec10	Describes operational challenges if integrating wind into the NE power system. Cites potential for 215 GW of wind power for NE. Scenarios evaluated were from 2.5% (1.14 GW) to 20% (10.2) GW. Study estimates increase in backup generation requirements	Concludes NE could potentially integrate up to 24% of capacity by 2020. 2013 level was 1.6%. However, estimates ignore citing issues and many other realities facing wind implementation.	42

III. Investigate Alternatives: Alternative energy sources

Title	Source	Date	Summary	Critique	Pages
New England Wind Integration Study Abbreviated Results	ISO NE (Bill Henson)	Jan2011	PowerPoint Presentation to the MIT Wind Club summarizing full study	Excellent summarization of conclusions and limitations of the main report above.	53
Solar Power in Mass.	Wikimedia	Current	Summarizes solar opportunities in MA.	State goal is 1,600 MW by 2020. Lots of useful links	2
Letter to NESCOE commenting on IGER	Environment Northeast	Jun14	Letter from non-profit research group to NESCOE in which ENE states the current fervor to build new natural gas infrastructure is entirely premature and unwarranted"	Provides solid numbers for mix of alternatives but short on details on the wheres and the whens and the costs of its proposals	5
Cape Wind Project	Wikipedia	Current	Discusses Cape Wind, a 1,500 MW offshore wind farm	Projects was started before 2005, the project is to begin construction in 2015	4
Thirteen Questions Related to the TGP Pipeline Project	Dr. Dennis Eklof	Jun14	Taken from Groton Town Meeting 16Jun14	Responses to citizen questions	4
Wind Turbine Questions	Kenergy Renewables	Current	Gives some parameters for development	5-yr. development 50 mw using 2mw turbines requires 2000 acres	5
Utility-Scale Battery Storage Costs Dropping	Clean Technica (originally published by Renewable Economy)	Dec13	Claims power from batteries could be competitive with natural gas turbine power within 18 months	One company predicts its costs at around \$160/kwh, but lots of assumptions on getting capacity payments. Needs further evaluation	
Big Batteries Are Starting to Boost the Electric Grid	NBC News	Aug14	Reasonably good article on utility use of electricity storage to shave peak loads	Proponents acknowledge that costs are not yet in the rage of widespread viability	Web
Transmission Projects Seek to Tap Canadian Hydropower	Boston Globe	Jul14	Discusses plans for Northern Pass Project and cites extensive delays and environmental objections. Lots of useful information on other projects as well	Balanced article including both sides of the arguments.	5

IV. Investigate Alternatives: Conservation measures

Title	Source	Date	Summary	Critique	Pages
ISO New England 2014 Regional Electricity Outlook	ISO NE	Jan14	Covers details of plan for wind, solar, and conservation – conservation is to double to 10% by 2022.		48
ISO NE Energy Efficiency Forecast	ISO NE	Dec12	Projects efficiency gains through 2021.	Spending: \$5.2B Annual electricity consumption remains flat Peak demand reduced by 1,444 MW	38

V. Investigate Alternatives: Alternative Pipeline Routes

Title	Source	Date	Summary	Critique	Pages
Planned Enhancements, Northeast Natural Gas Pipeline Systems	Northeast Gas Association	Jul14	Summarizes expansions under consideration		4
Planned Enhancements, Northeast Natural Gas Pipeline Systems	Northeast Gas Association	Jul14	More Details on above		4
Spectra Energy AIM Project	Spectra Energy	Current	Describes expansion project to bring more gas into MA from the south along existing right-of-ways. Already has FERC Docket # CP14-96-000. Planned addition is 0.3 BCFD		web
Stop the Algonquin Pipeline Expansion	Citizen Opposition Group	Current	All the usual arguments with no substantive alternatives proposed		web
Spectra Energy Atlantic Bridge Project	Spectra Energy	Current	Outlines plans for expanded capacity and link to the Maritimes pipeline.	Capacity to be 0.1 to 0.6 BCFD	Web
Spectra Energy announces additional expansions	Spectra Energy	Jul14	Spectra plans additional 1bcfd of capacity. Will be anchored by firm capacity contracts presumably through ISO NE	Holding action by Spectra. It is completely dependent on ISO NE tariff outcome.	1

V. Investigate Alternatives: Alternative Pipeline Routes

Title	Source	Date	Summary	Critique	Pages
Spectra Energy letter to NESCOE on additional expansions	Spectra Energy	May14	Detailed presentation to NESCOE on Spectra's plans for additional 1BCFD expansion. Identifies specific power plants to be served and impact on electric system reliability.	Few details on where route would be, but will use many existing easements. Proposed project would still rely on proposed ISO NE tariff to justify project.	7

VI. Identify Impacts on the Public: Economic

Title	Source	Date	Summary	Critique	Pages
Natural Gas Pipelines and Residential Property Values: Evidence from Clackamas and Washington counties	ECONorthwest	Feb08	Statistical Study of a pipeline built in 2004. Concludes pipeline had no significant impact on property values within 1 mile of the pipeline	Commissioned by group doing the EIS. Poor fit of regression model overall.	22
Tennessee Gas letter to NESCO	Kinder Morgan Company	May14	Letter from TGM to NESCOE supporting the Incremental Gas for Electric Reliability (IGER), the proposed tariff on electricity to support pipeline construction		2
The Effect of Natural Gas Pipelines on Residential Value	Diskin, Friedman, Peppas, and Peppas	Jan11	Could find no clear evidence of declining values but conclude that data was inadequate to reach any real conclusions	Essentially says nothing – didn't prove any degradation but didn't prove there was none.	27
Natural Gas Pipeline Impac Study	Interstate Natural Gas Association	2001	Real estate appraisal ased study of property value impacts. Concludes no degradation in value associated with proximity to a pipeline	INGAA represents natural gas pipeline companies	236
Natural Gas Pipeline Impact on Residential Property Values: An Empirical Study	Dickey & Kinnard, Inc.	1994	Regression-based analysis of sales in select areas of Connecticut and in the Southwest concluded no significant impact on property values.	Based on limited data and decades old events.	5

VI. Identify Impacts on the Public: Economic					
Title	Source	Date	Summary	Critique	Pages
NESCOE Letter to ISO NE on Pipeline Tariff	NESCOE	Jan14	Letter recommending ISO NE get FERC approval for it to sign long-term gas capacity contracts funded by charge on wholesale electric rates	Just what you would expect	3
Owner of LNG Terminal in Everett lobbies to stop New England Electric Tax	Boston Business Journal	May14		New pipelines would put Everett out of business so no surprise here	2
Tariff Issue Clarification	Dr. Dennis Eklof	Jul14	Summary of tariff proposed by NESCOE	Not a tax or public funding of the KM project, but not the best way for capacity buyers to amortize their costs either.	2
Gas Transmission Pipelines Q&A	Forensic Appraisal Group	Current	Q&A about the impact of pipelines on property values	"There is no upside to having a pipeline easement on your property" – duh!	
New Pipeline for Natural Gas Could Ease New England's Capacity Shortage	Press Herald (Maine)	3Aug14	Cites the support of the Maine Public Utilities Commissioner and several others (including construction unions) for the KM project.	The expected supporters of an infrastructure project with a smattering of environmental objections	3
NESCOE Suspends Votes on Tariff Proposals	Conservation Law Foundation	1Aug14	NESCOE postponing all votes on tariffs to support KM Project and Canadian Hydropower Imports for at least 1 month.		1
Massachusetts Municipal Wholesale Electric Company (MMWEC) Proposal to NESCOE	MMWEC Letter	May14	Proposal by MMWEC for a Public Ownership Model for new pipeline infrastructure	Very thoughtful proposal to finance any new pipeline with tax-free bonds. Construction, operations, and maintenance would be contracted.	10
MMWEC Response to NESCOE Questions on the proposed Public Ownership Model	MMWEC Letter	3Jul14	Response to NESCOE questions.	Examples and clarifications on MMWEC proposal.	11

VI. Identify Impacts on the Public: Economic					
Title	Source	Date	Summary	Critique	Pages
MMWEC Response to NESCOE Questions on the proposed Public Ownership Model	MMWEC Letter	29Jul14	Response to additional NESCOE questions.	Covers lots of details on MMWEC's charter and scope of authority	11
Resource Assment of Potentially Producible Natural Gas Volumes from the Marcellus Shale, State of New York	Labyrinth Consulting Services, Inc. (Commissioned by the New York State League of Women Voters)	Apr14	Concludes that economically recoverable reserves from Marcellus are hugely overstated by many – perhaps only 25% of what many estimate		

VII. Identify Impacts on the Public: Environmental					
Title	Source	Date	Summary	Critique	Pages
The Bridge to Nowhere	Cornell Univ.	Apr14	Analysis of the CO2 footprint of Natural Gas. Concludes it is less “clean” than many believe	Does not adequately reflect the GHG reductions associated with the trend toward “clean” completions”, i.e. no flaring or venting return water gas.	14
The Facts About Kinder Morgan	Sightline Institute a non-profit think-tank in the Northeast	Apr12	Scathing criticism of KM environmental record and business practices, particularly with respect to coal		16

VIII. Identify Impacts on the Public: Quality of life					
Title	Source	Date	Summary	Critique	Pages
TGP Northeast Expansion FAQ	Kinder Morgan	Mar14	Answers to FAQs provided by TGP	Lots of useful information and links including what are landowner rights.	7

IX. Identify Impacts on the Public: Safety					
Title	Source	Date	Summary	Critique	Pages
Pipeline Safety Analysis	Dr. Dennis Eklof	Jun14	Analysis of safety statistics for larger interstate pipelines	Difficult/impossible to defeat a proposed gas transmission line on safety grounds.	1

IX. Identify Impacts on the Public: Safety

Title	Source	Date	Summary	Critique	Pages
The State of National Pipeline Infrastructure	US Dept. of Transportation	2009	Analysis of all national pipelines.	Most leaks are in gas distribution systems run by local distribution companies with estimates of one leak per 8 miles of trunk line and one leak every two miles of service lines.	
GAO Report on Pipeline Safety	U.S. General Accounting Office	Aug14	GAO analysis of DOT efforts to promote pipeline and energy transport safety	Focuses mainly on the need for greater regulation of crude oil rail shipments and natural gas gathering lines.	60

X. Provide information relative to the pre-permitting process(es)

Title	Source	Date	Summary	Critique	Pages
Knowing and Protecting Your Rights When an Interstate Gas Pipeline Comes to Your Community	The Law Offices of Carolyn Elefant	May10	A Legal and Practical Guide for States, Local Government Units, NGOs and Land-owners On How the FERC Pipeline Certification Process Works and How You Can Participate	"Given the pending new pipeline development coupled with the pace at which FERC moves on applications, stakeholders who are unfamiliar with the process are at a significant disadvantage."	64
An Interstate Pipeline Facility on My Land?	FERC	Aug13	FAQs about FERC Process including intervention opportunities	Starts only with formal application	17
Pipeline Foes Launch Protest Walk	Boston Globe	Jul14	Group plans to petition Duval Patrick to withdraw his support for new gas infrastructure.		

X. Provide information relative to the pre-permitting process(es)

Title	Source	Date	Summary	Critique	Pages
Natural Gas Pipeline & Storage Permitting Process (after pre-filing)	FERC	Current	Details on the entire process from applicant planning to construction	Note that formal public input opportunities do not begin until after the company has filed with FERC. Opportunities are then at the scoping stage and after the Environmental Impact Statement is complete.	1
EIS Pre-filing Environmental Review Process	FERC	Current	Covers all public input opportunities	After FERC issues Docket No. After Draft EIS After FERC Approval	1
Permitting Process for an Interstate Natural Gas Pipeline	Northern Middlesex Council of Governments	Jul14	Excellent presentation on the pipeline approval process at both the federal and state level.		30